

DESIGNATION OF A LECTOTYPE FOR THE PLATYCEPHALID FISH *INEGOCIA HARRISII* (McCULLOCH). *Memoirs of the Queensland Museum* 43(2): 620. 1999:- McCulloch (1914) described *Insidiator* (= *Inegocia*) *harrisii* from 2 specimens, one from off Pine Peak, Qld and the other from Moreton Bay, Qld. He also made mention of 5 additional (non-type) specimens that were trawled off Bowen, Qld. According to Paxton et al. (1989: 466) and McGrouther et al. (1998) the 2 syntypes are in the Australian Museum, registered AMSE2844 (Pine Peak specimen) and AMSI12765 (Moreton Bay specimen). Eschmeyer (1998), however, lists AMSI12765 and AMSI12805 as syntypes and AMSE2844 and QMI1437 as non-type material.

Collection data indicates that AMSI12805 and QMI1437 were taken aboard the F.I.S. Endeavour off Bowen. At about 196 and 191mm TL they are of intermediate length to that given for the syntypes (183 and 204mm). It appears therefore that Eschmeyer is partially in error and that these specimens are probably the non-type material mentioned by McCulloch.

The distribution of *Inegocia harrisii* was recognised by Paxton et al. (1989: 466) as from N Australian waters between Napier Broome Bay, WA (126°36'E) and off Pine Peak, Qld (21°23'S). *Inegocia japonica* (Tilesius) is commonly taken by trawl in Moreton Bay, but often appears to have been misidentified from this area as *I. harrisii* (see Stephenson & Burgess, 1980; Stephenson et al., 1982; Johnson, 1999). The syntype of *I. harrisii* from Moreton Bay, at approximately 27°15'S, is well south of other confirmed records of the species. Both syntypes were examined to determine the reasons for this anomaly. From the characters below, AMSI12765 was identified as a specimen of *I. japonica*. It has 19 pectoral rays, 12 second dorsal and anal fin rays and a distinct interopercular flap. AMSE2844 has 25 pectoral rays, 11 dorsal and anal rays and lacks an interopercular flap. This determination was confirmed from unpublished notes by Dr Les Knapp (pers. comm., 1996). Knapp (unpubl.) advised that *I. harrisii* may be separated from *I. japonica* on pectoral ray counts (22-25 vs 18-21), dorsal and anal rays (usually 11 vs usually 12), interopercular flap (absent vs present) and the number and position of spines on the suborbital ridge.

To fix the specific name AMSE2844 is here designated lectotype of *I. harrisii* (McCulloch).

Acknowledgements

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